

What is claimed is:

Sub 1. 1. A multi-level position/range designating method for a multimedia stream comprising:

(a) displaying an entire range of a multimedia stream; and

5 (b) setting a range designated by a user from the displayed entire range of the multimedia stream as an absolute range of the multimedia stream and displaying the absolute range of the multimedia stream as the entire range of the multimedia stream, if a range is designated by the user.

10 2. A method of claim 1, further comprising:

displaying a starting frame of the range designated by the user; and

displaying an ending frame of the range designated by the user.

15 3. A method of claim 1, wherein in (a), displaying the entire range of the multiple stream in a first level of a multiple level display of the multimedia stream; and in (b), displaying the absolute range of the multimedia stream in a second level of the multiple level display.

20 4. A method of claim 3, wherein (a) further comprises:

displaying a starting frame of a designated range if a range

is designated by the user; and

displaying an ending frame of said designated range.

5. A method of claim 3, further comprising repeating (b) and displaying each absolute range of the multimedia stream in a different level of the multiple level display.

6. A method of claim 5, wherein (b) further comprises:

displaying a starting frame of a range designated from each absolute range of the multimedia in each corresponding level of the multiple level display, if a range is designated by the user from an absolute range of the multimedia; and

displaying an ending frame of said range designated from each absolute range of the multimedia in each corresponding level of the multiple level display.

7. A method of claim 6, further comprising manipulating a slider bar to view each level of the multiple level display.

8. A method of claim 5, further comprising manipulating a slider bar to view each level of the multiple level display.

9. A multi-level position/range designating method for a multimedia stream comprising:

(a) displaying a first level of a multiple level display

including an entire range of a multimedia stream represented by a first slider bar;

(b) setting a range designated by a user from a range of the multimedia stream displayed in a previous level of the multiple level display as an absolute range of the multimedia stream, and displaying a kth level of the multiple level display including the absolute range of the multimedia stream represented by a kth slider bar, if a range is designated by the user from the previous level; and

(c) repeating (b).

10. A method of claim 9, further comprising:  
displaying, for each level, a starting frame of a designated range if a range is designated by the user; and  
displaying, for each level, an ending frame of said designated range.

11. A method of claim 10, further comprising manipulating a window slider bar to view each kth level of the multiple level display.

12. A method of claim 9, further comprising manipulating a window slider bar to view each of the kth level of the multiple level display.

13. A method of claim 12, wherein the first slider bar and each of the kth slider bar has the same length.

14. A multi-level position/range designating method for a multimedia stream comprising:

5 (a) displaying a first level of a multiple level display including an entire range of the multimedia stream in a first window; and

10 (b) displaying subsequent levels of the multiple level display including varying ranges of the multimedia stream in a second window.

15 15. A method of claim 14, further comprising:

displaying, for each level, a starting frame of a designated range if a range is designated by the user; and

displaying, for each level, an ending frame of said designated range.

16. A method of claim 15, further comprising manipulating a window slider bar in the second window to view each nth level of the multiple level display.

20 17. A method of claim 14, further comprising manipulating a window slider bar in the second window to view each nth level of the multiple level display.

A1 18. A method of claim 17, wherein the window slider bar is positioned at the right side of the second window.

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